

Title (en)
IC card and mating socket.

Title (de)
IC-Karte und gepaarter Verbindungssockel.

Title (fr)
Carte à circuit intégré et douille de connexion appariée.

Publication
EP 0231090 A2 19870805 (EN)

Application
EP 87300443 A 19870120

Priority
JP 809086 A 19860120

Abstract (en)
A credit card type small thin rectangular IC card (10) includes a battery (14) and an IC comprising a CPU (15), a ROM (15'') and a RAM (15') mounted on a flexible printed circuit (11) and bonded within an insulative plastic material (12). The printed circuit of the card includes a plurality of electrode terminals (13) exposed in a parallel array along at least one edge of the card which are adapted to engage electrodes of a mating contact. The printed circuit terminals are manufactured by coating copper, nickel and gold over polyamide resin and squeeze finishing the leading edge. The mating socket comprises a generally U-shaped frame having a U-shaped channel adapted to receive the IC card and having internal recessed contacts adapted to engage the terminals of the IC card. The contacts extend from an exterior surface of the frame for interconnection with the circuits of the mating device. Downwardly projecting portions thereof are bent at least twice in the portion penetrating the bottom of the frame.

IPC 1-7
G06K 7/06; G06K 19/06

IPC 8 full level
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CPC (source: EP KR US)
G06K 7/0047 (2013.01 - EP US); **G06K 19/06** (2013.01 - KR); **G06K 19/07743** (2013.01 - EP US); **H05K 1/117** (2013.01 - EP US); **H05K 3/403** (2013.01 - EP US); **H05K 2201/09154** (2013.01 - EP US); **H05K 2201/09645** (2013.01 - EP US); **H05K 2201/098** (2013.01 - EP US); **H05K 2203/0346** (2013.01 - EP US); **H05K 2203/1327** (2013.01 - EP US)

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EP0460074A4; FR2627304A1; EP0444396A1; CN1096656C; US5283885A; US5925928A; EP1079324A1; EP0494684A3; EP0275091A1; WO9610804A1

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